

TECHNICAL SPECIFICATIONS

TYPE		PLY
TERMINAL TYPE		Plug In
CONTACT CONFIGURATION		2C & 4C
RATED CARRYING CURRENT (RESISTIVE) AT 24 VDC / 250 VAC		10A
CONTACT MATERIAL		Silver alloy
INITIAL CONTACT RESISTANCE (MAX)		0.050 Ω
COIL NOMINAL VOLTAGES	DC	12-48 V
	AC	240 V @ 50Hz
OPERATING POWER (MIN-MAX) FOR DC COIL		0.89-1.65 W
OPERATING POWER (MIN-MAX) FOR AC COIL		2.88 VA
DIELECTRIC STRENGTH	BETWEEN OPEN CONTACT	1000 VAC
	COIL TO CONTACT	1500 VAC
INSULATION RESISTANCE AT 500 VDC AT 27°C & 65% RH		500 MΩ
OPERATE TIME (MAX)		20 ms
RELEASE TIME (MAX)		12 ms
AMBIENT TEMPERATURE		-25°C To +55°C
IMPULSE WITHSTAND VOLTAGE (AS PER IEC 60255-5)		5KV 1.2/50 μs.
ELECTRICAL LIFE (NO OF OPERATIONS)		10 ⁵
MECHANICAL LIFE (NO OF OPERATIONS)		10 ⁶
ALL DIMENSIONS ARE IN mm (W x L x H)		21.5x28x35.3(+6.7) 41.5x28x35.3 (+6.7)
MAX WEIGHT IN GRAMS		40 gms (approx) 70 gms (approx)
OPTIONAL FEATURES		DIODE
STANDARDS		Meeting as Per IEC 61810-1



SALIENT FEATURES

- Compact Size
- Elegant
- Reliable
- Din rail socket available

APPLICATIONS

- Suitable for Automatic Control
- Telecommunication Equipment
- House Hold Electrical Appliances
- Electrical Machine Control

NOTE :- 1) This product is type tested by TUV Nord as per IEC 61810-1:2015-A1:2019

2) Recommended socket :- SDR PLY 8/14

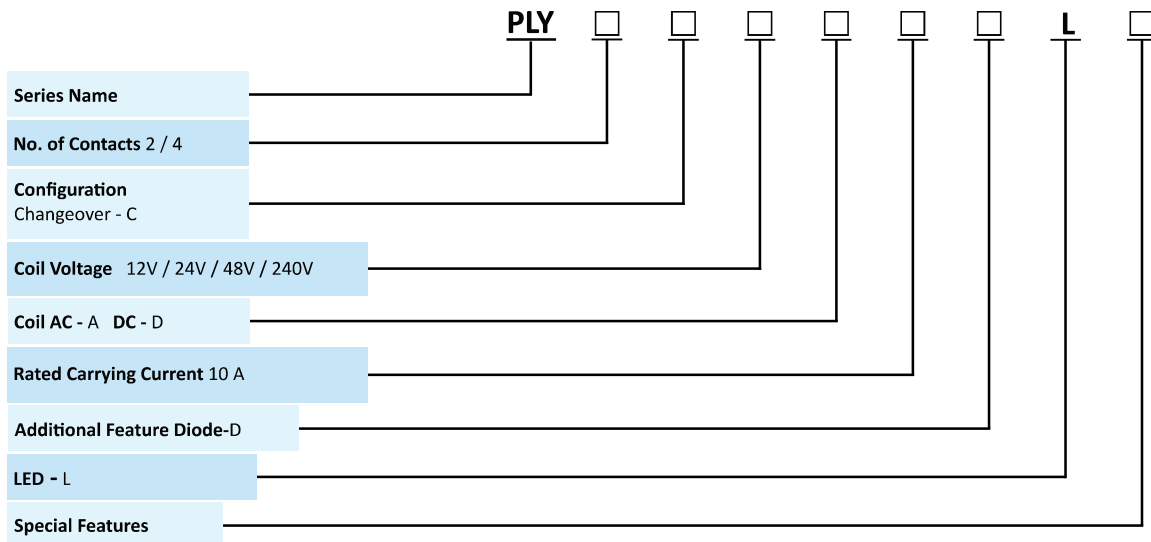
3) All Specification / Dimensions subject to Tolerance.

4) Any Techno commercial change is / are Prerogative of Manufacturer / Management of the company which can be done without any notice.

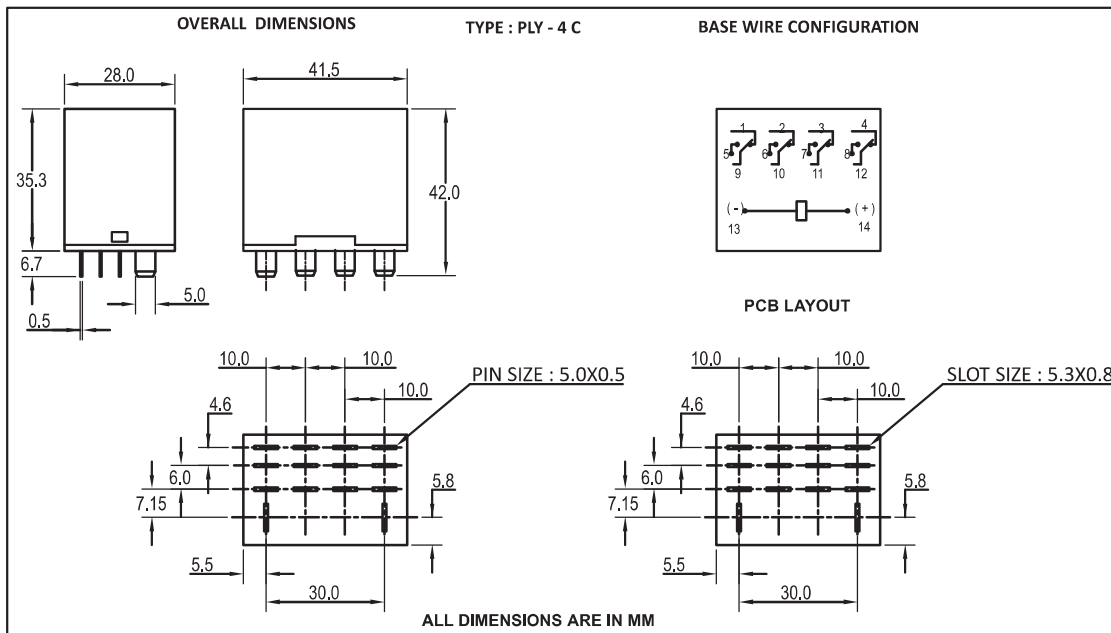
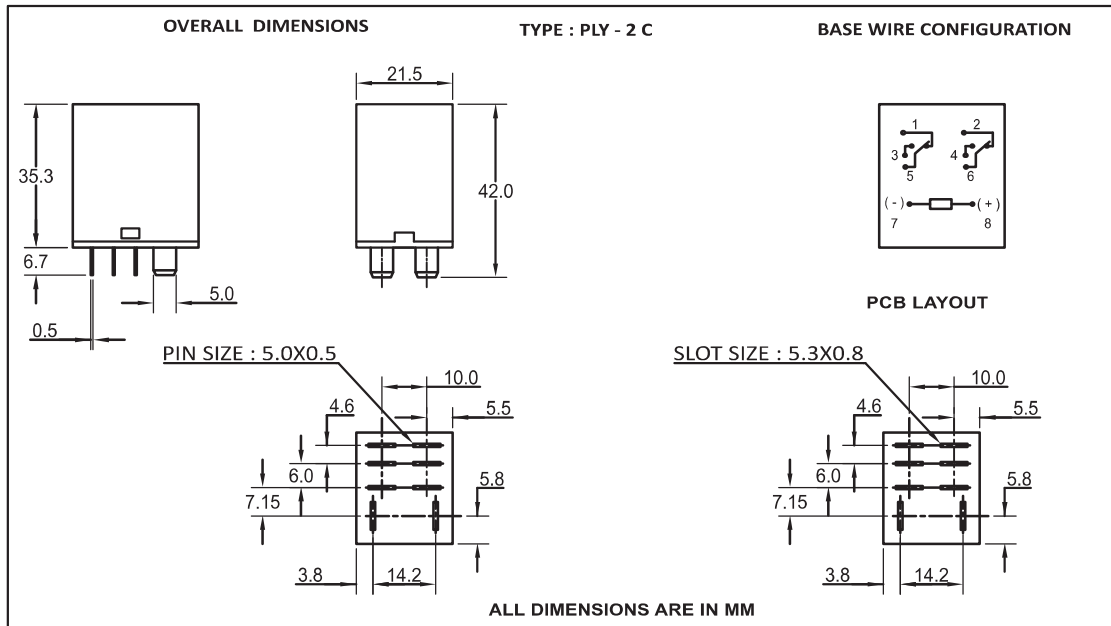
COIL – DATA (ALL VALUES AT 27°C ± 2° AMBIENT, COLD START)

NOMINAL VOLTAGE (V)	RESISTANCE IN OHM'S ± 10%		MUST OPERATE VOLTAGE (V)	MUST RELEASE VOLTAGE (V)	OPERATING POWER FOR COIL	
	2C	4C			2C	4C
12 VDC	130	100	9.6	1.2	1.11 W	1.44 W
24 VDC	650	350	19.2	2.4	0.89 W	1.65 W
48 VDC	2.6k	1.6k	38.4	4.8	0.89 W	1.44 W
240 VAC	18k	8k	192	24	1.28 VA	2.88 VA

ORDERING CODE FOR RELAY



DIMENSIONS



NOTE :- 1) In case no tolerance shown in outline dimensions : Outline dimension 1mm, tolerance should be ± 0.2 mm
Outline dimension 1mm and 5mm, tolerance should be ± 0.3 mm Outline dimension 5mm tolerance should be ± 0.4 mm
2) The tolerance without indicating for PCB layout is always ± 0.2 mm